

AVENTICS Series QR1 Fittings

AVENTICS Series QR1 push-in connectors with easy, secure mounting are available in many versions: for tubing diameters from 3 to 16 mm, as well as in plastic, metal, and stainless steel variants. QR1 Series offers a cylindric thread that allows repeated connection and release without problems (Quick Release) and captive O-ring guarantees an optimal sealing. Our QR program offers the right solution for every application and industry.

- Qn = 60 l/min .. 875 l/min



Technical data

Industry

Fitting type

Compressed air connection type

Port G

Compressed air connection type 2

Port D

Compressed air connection type 3

Compressed air connection 3

Type

Min. working pressure

Max. working pressure

Min. ambient temperature

Max. ambient temperature

Min. medium temperature

Max. medium temperature

Delivery quantity

Weight

Industrial

Swivel banjo connection 2-fold, with internal thread

External thread

G 1/4

Push-in fitting

Ø 8

Internal thread

G 1/4

QR1-S-RID

-1 bar

16 bar

-20 °C

80 °C

-20 °C

80 °C

10 piece

0.0472 kg

QR1-S-RID standard series

R412005261

Series QR1

2026-07-24

Material

Housing material	Polyamide
Seal material	Acrylonitrile butadiene rubber
Material tooth lock washer	Stainless Steel
Material release ring	Polyamide
Material release ring holder	Die cast zinc
Surface release ring holder	nickel-plated
Material thread	Brass
Surface thread	nickel-plated
Part No.	R412005261

Technical information

The series QR1 (plastic) and QR2 (metal) can not be combined.

Thread seal with captive O-ring

Dimensions in mm

